

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHODS AND APPARATUS FOR BACKWARDS COMPATIBLE COMMUNICATION IN A MULTIPLE ANTENNA COMMUNICATION SYSTEM USING FDM-BASED PREAMBLE STRUCTURES**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PCT/US04/21027 – Filed June 30, 2004

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) listed below:

60/483,719 – Filed June 30, 2003

60/538,567 – Filed January 23, 2004

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the registered practitioners associated with Customer Number 47386 to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office.

Full name of first joint inventor: Bas Driesen

Inventor's signature  Date 23-11-05

Residence: Dongen, Netherlands

Citizenship: Netherlands

Post Office Address: Breitnerstraat 3
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Netherlands

Full name of second joint inventor: Ra'anan Gil

Inventor's signature _____ Date _____

Residence: Nieuwegein, Netherlands

Citizenship: Israel

Post Office Address: Klaproosstraat 3
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Nieuwegein, Netherlands

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1300 Post Road, Suite 205
Fairfield, CT 06824

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None

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We agree that, when requested, we shall, without charge to Agere Systems Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date

Bas Driesen


Date

Witness

Date

Witness

17/5/06
Date

Ra'anan Gil 
Ra'anan Gil

17/5/06
Date

Nir Boman 
Witness

17/5/06
Date

Tido Vachter 
Witness

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